

**REMARKS**

This Amendment is responsive to the Final Office Action of August 22, 2005. Claims 1 and 7 have been amended. Claims 3 and 28-32 have been canceled without prejudice. Claims 1, 2, 4-27, and 33-40 remain pending in this application. Reexamination and reconsideration are respectfully requested.

The Examiner rejected Claims 1 and 33 under 35 U.S.C. 102(b) as being anticipated by Mueck (5,977,825). The Examiner further rejected Claims 3, 10-12, 36-40 under 35 U.S.C. 103(a) as being unpatentable over Mueck. These rejections are respectfully traversed.

Applicants' below signed attorney would like to thank the Examiner for the courtesy of a telephonic interview on November 2, 2005 at which time the amendment submitted herewith was discussed. Claim 1 has been amended to incorporate Claim 3 which recites that the second delay (corresponding to delay line 225 in Figure 7) is substantially less than the third delay associated with the signal path through the error amplifier (400 in Figure 7). Claims 28-32 have been canceled and all the claims (with the exception of previously allowed Claims 7-9) now recite this limitation. As pointed out by Applicants' attorney during the interview Applicants have discovered that by going counter to conventional feed forward amplifier teachings (that the second and third delays should be precisely equal for maximum distortion cancellation) substantial power savings may be obtained while maintaining adequate distortion cancellation within the claimed system. The Mueck reference in contrast clearly teaches (consistently with conventional feed forward amplifier design) that these two delays should be precisely equal (column 3, lines 44-46). Accordingly, since the claims all

point out this key difference it is respectfully submitted all claims clearly distinguish the cited reference.

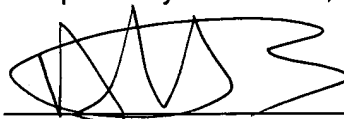
The Examiner rejected Claims 2, 4-6, 13-15, 16-28 under 35 U.S.C. 103(a) as being unpatentable over Mueck in view of Gentzler et al. (6,118,339). The Gentzler et al. reference is consistent with the above noted conventional teachings of setting the second delay precisely equal to the error amplifier path delay (column 2, lines 21-25). Therefore, this rejection is also fully traversed by the above discussed amendments.

The Examiner objected to Claims 7-9 as being dependent upon a rejected base claim. Claim 7 has been amended to be in independent form and Claims 8-9 depend therefrom. Accordingly, it is respectfully submitted those claims are also in condition for allowance.

In view of the foregoing, it is respectfully submitted that the application is in condition for allowance and a Notice of Allowance is respectfully requested. It is requested that the Examiner telephone the undersigned attorney if it appears that any impediment remains to allowance of the application.

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Respectfully submitted,



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